How to replace rear brake discs on Volkswagen Polo IV


VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW POLO (9N_) 1.4 16V, VW POLO Saloon (9A4, 9A2, 9N2, 9A6) 1.4

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Brake caliper guide pins grease
- Copper grease
- Sealant
- Combination spanner #13
- Combination spanner #15
- HEX bit No.H8.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Phillips screwdriver
- Crow bar
- Wheel chock

AUTODOC recommends:

- Replace the brake disks on the car Volkswagen Polo IV in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

9

Spread the brake pads. Use a crowbar.

10

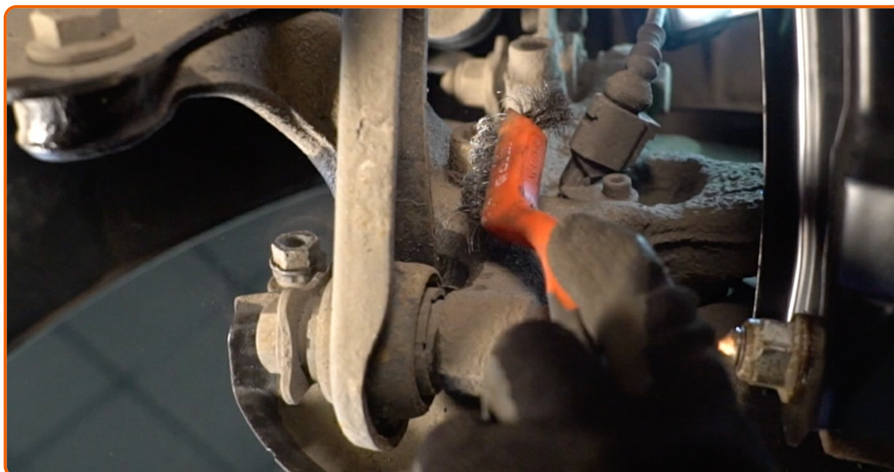


Remove the brake caliper. Use a crowbar.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

12

Unscrew the caliper bracket fastening. Use HEX No.H8. Use a ratchet wrench.

13



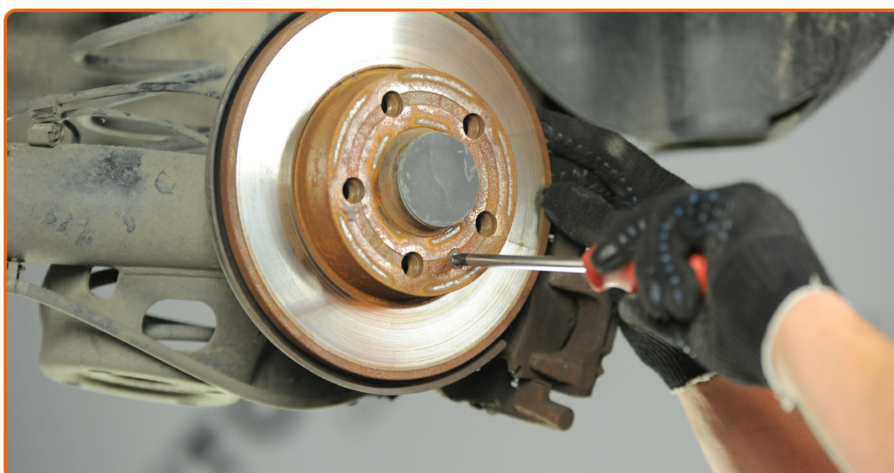
Remove the caliper bracket

14



Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

15



Unscrew the brake disc fastening Use a Phillips screwdriver.

16



Remove the brake disc.

17

Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

18



Install the brake disc.

19



Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 9 Nm torque.

20

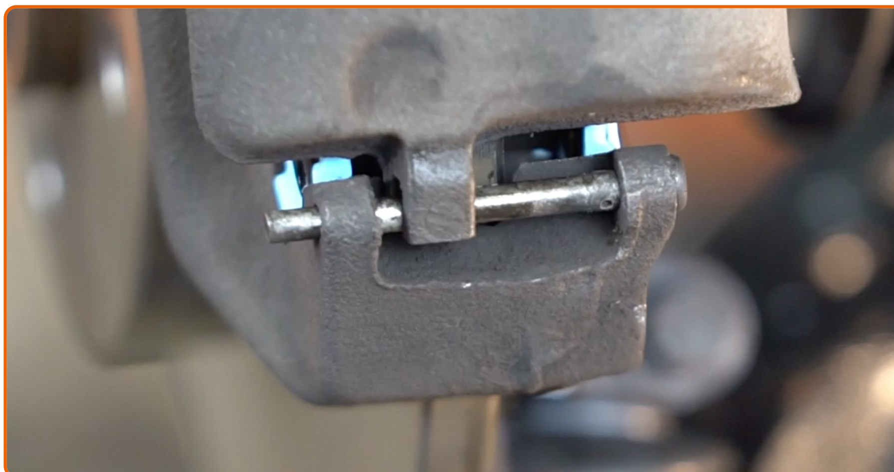


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

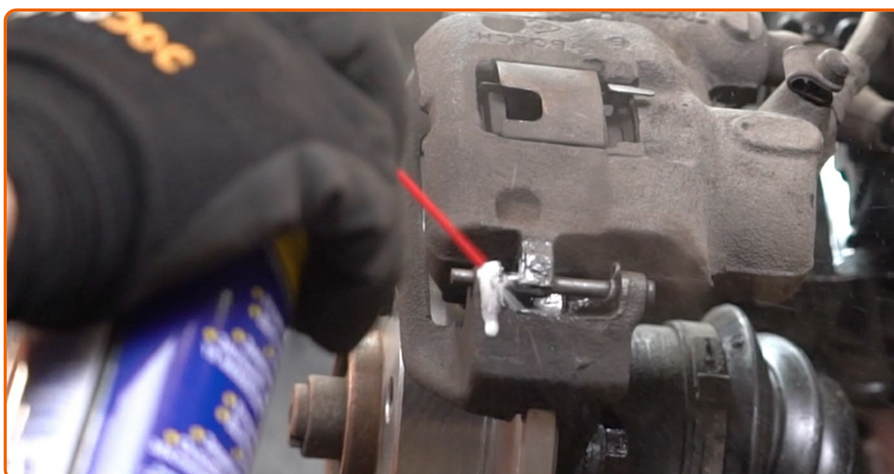
- After applying the spray, wait a few minutes.

21



Clean the brake caliper guide pins.

22



Treat the brake caliper guide pins. Use the brake caliper guide pin grease.

23

Treat the fastening bolts. Use a sealant.

24



Install the brake caliper bracket

25

Tighten the brake caliper bracket Use HEX No.H8. Use a torque wrench. Tighten it to 75 Nm torque.

26

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

27



Press in the brake caliper piston. Use brake caliper wind back tool.

28



Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 35 Nm torque.

29



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

30



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

31



Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

32



Screw in the wheel bolts. Use wheel impact socket #17.

33



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

34



Remove the jacks and chocks.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

35



Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

36



Close the hood.

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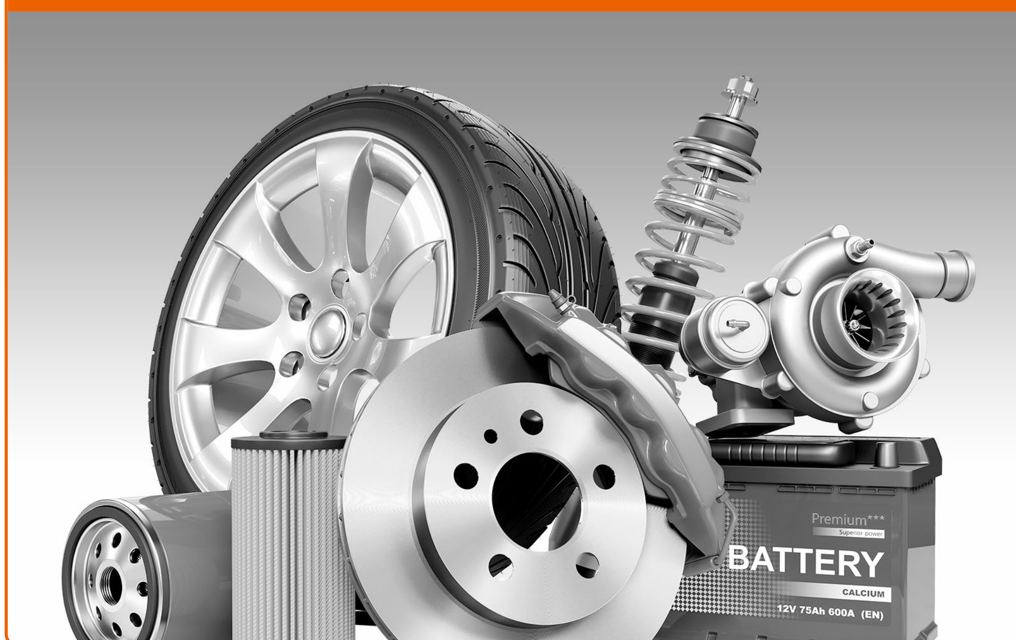
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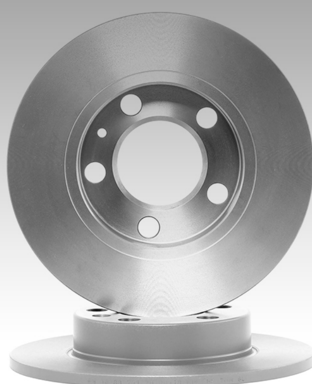
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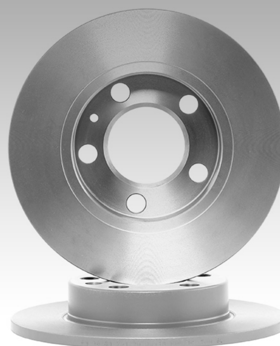


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